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Figure 1

Codon 30

26	27	28	29	30	31	32	33	34	35
ACA	GGA	GCA	GAT	GAT	ACA	GTA	TTA	GAA	GAA
	G	G	C	A		A	G		
				C		G	G		
						C			
						C			
						G			

Codon 46/48

44	45	46	47	48	49	50	51	52	53	54
CCA	AAA	ATG	ATA	GGG	GGA	ATT	GGA	GGT	TTT	ATC
	G	T	G	T	A	G		G	GG	
	G	A		A	G	G			G	
									G	

Codon 50

45	46	47	48	49	50	51	52	53	54
AAA	ATG	GTA	GGG	GGA	ATT	GGA	GGT	TTT	ATC
			T		G	C	G	G	G
			A			G	C	G	G
								G	T
								C	GC
								GG	
								GG	

Codon 54

51	52	53	54	55	56	57	58
GGA	GGT	TTT	ATC	AAA	GTA	AGA	CAG
G	C	C	G	G	C	A	G
	G	A	C	G		G	A
			T				
			GC				

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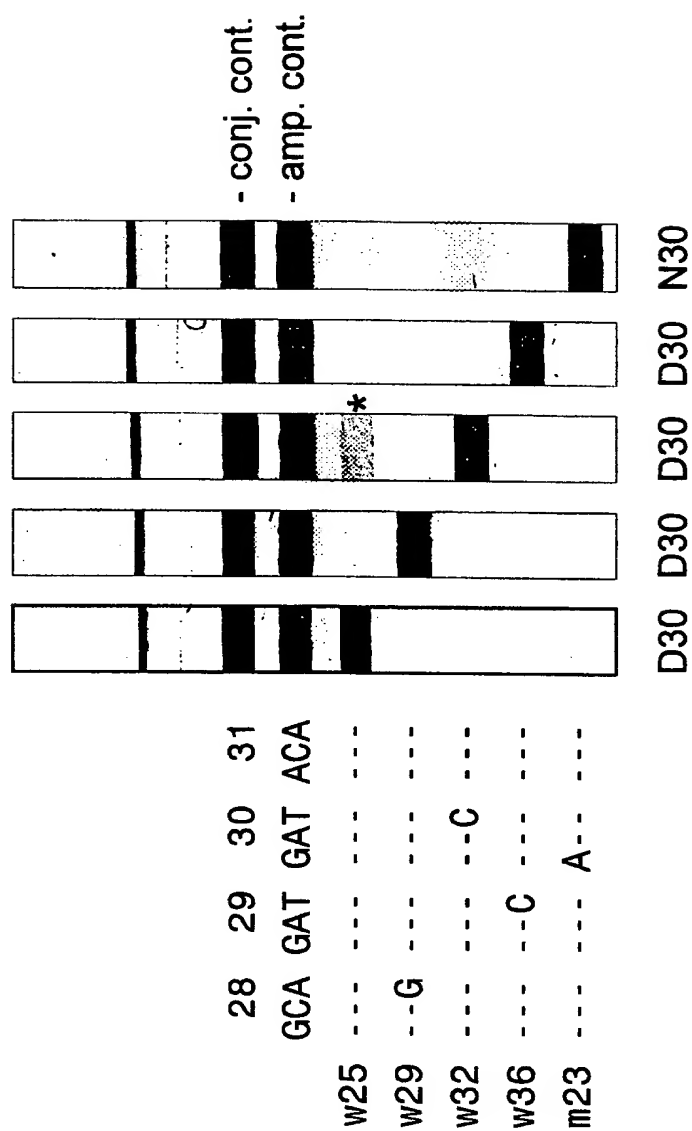


Figure 2A

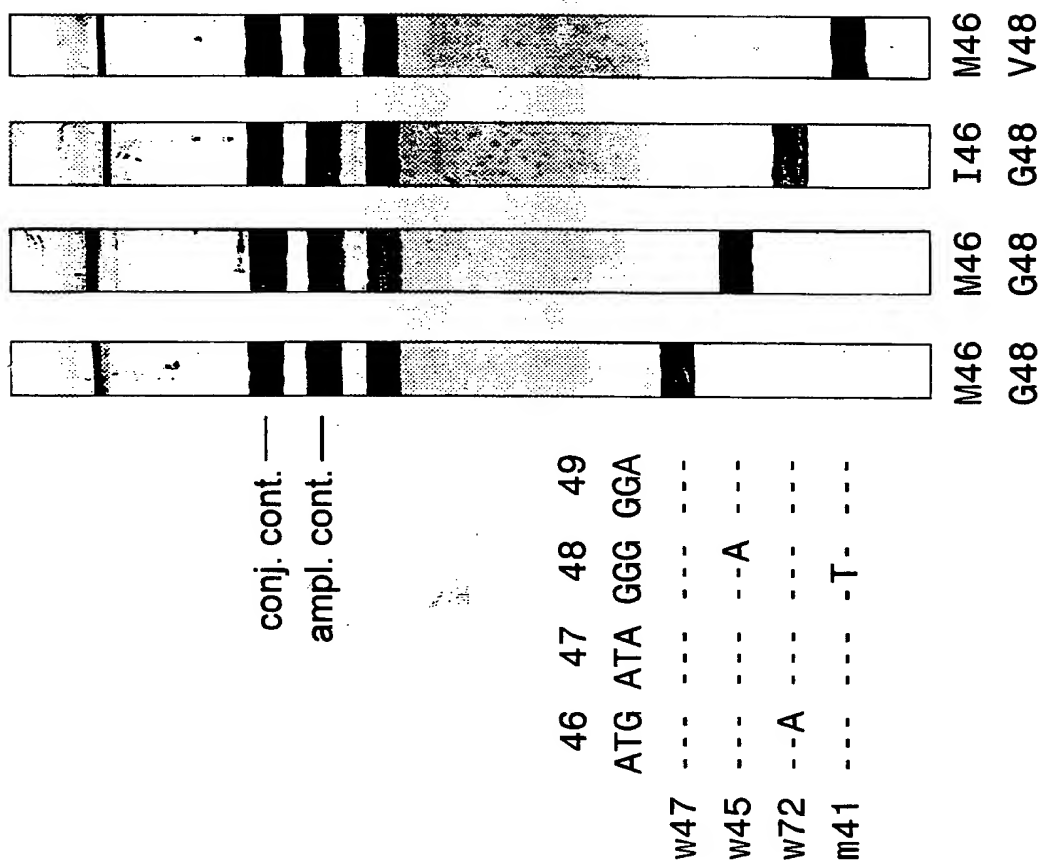


Figure 2B

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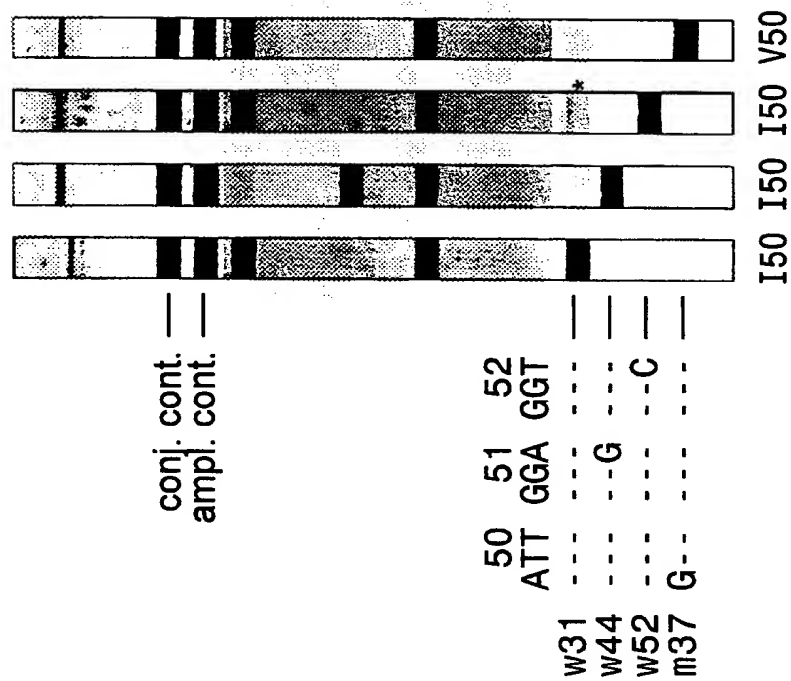


Figure 2C

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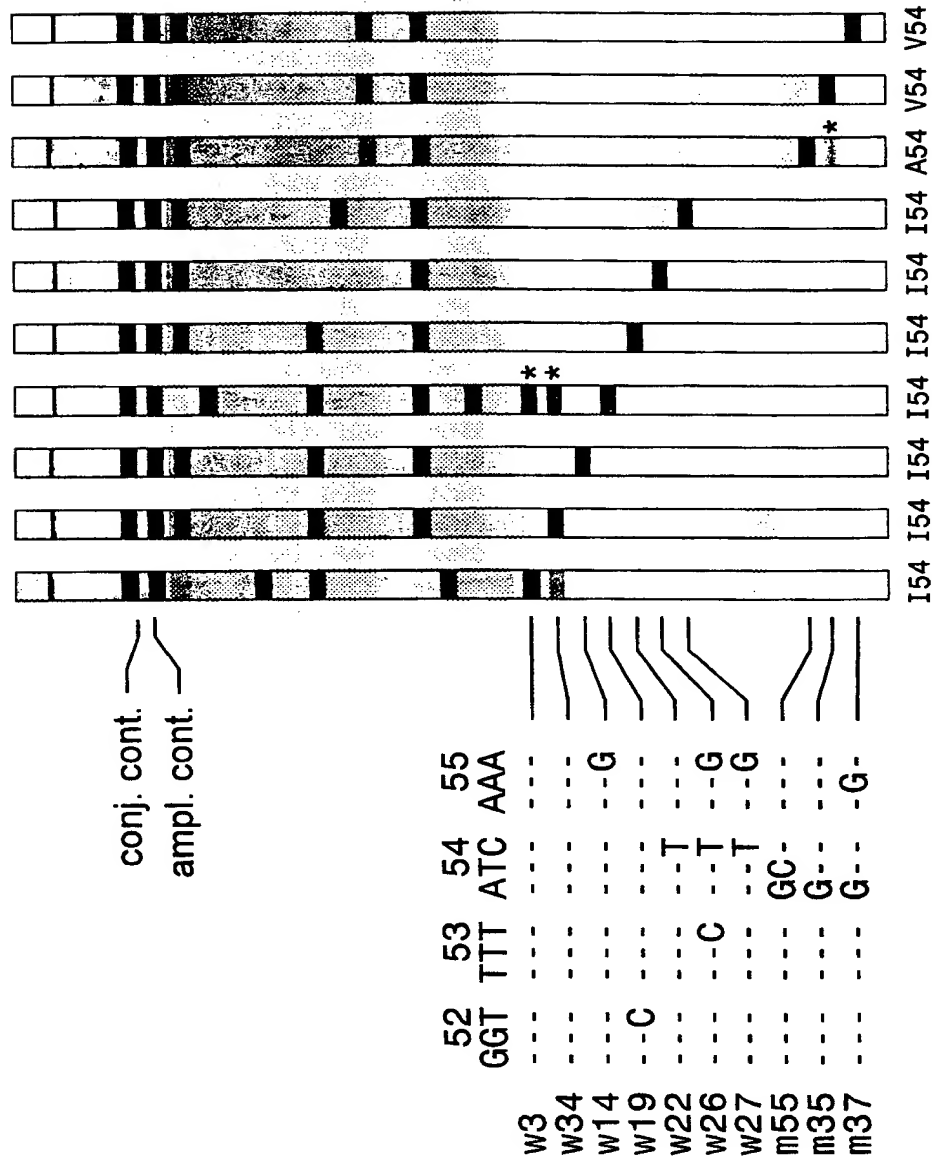


Figure 2D

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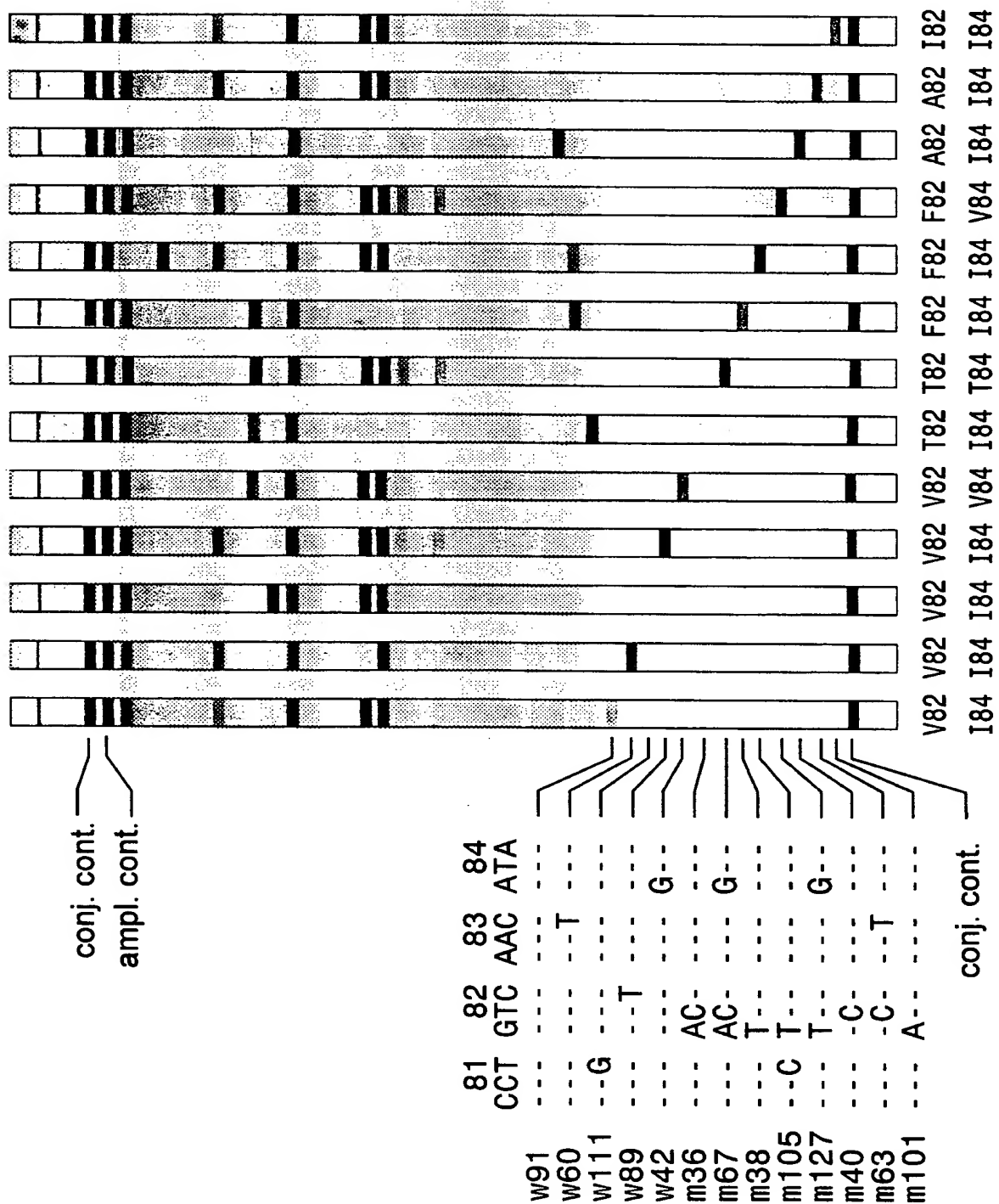


Figure 2E

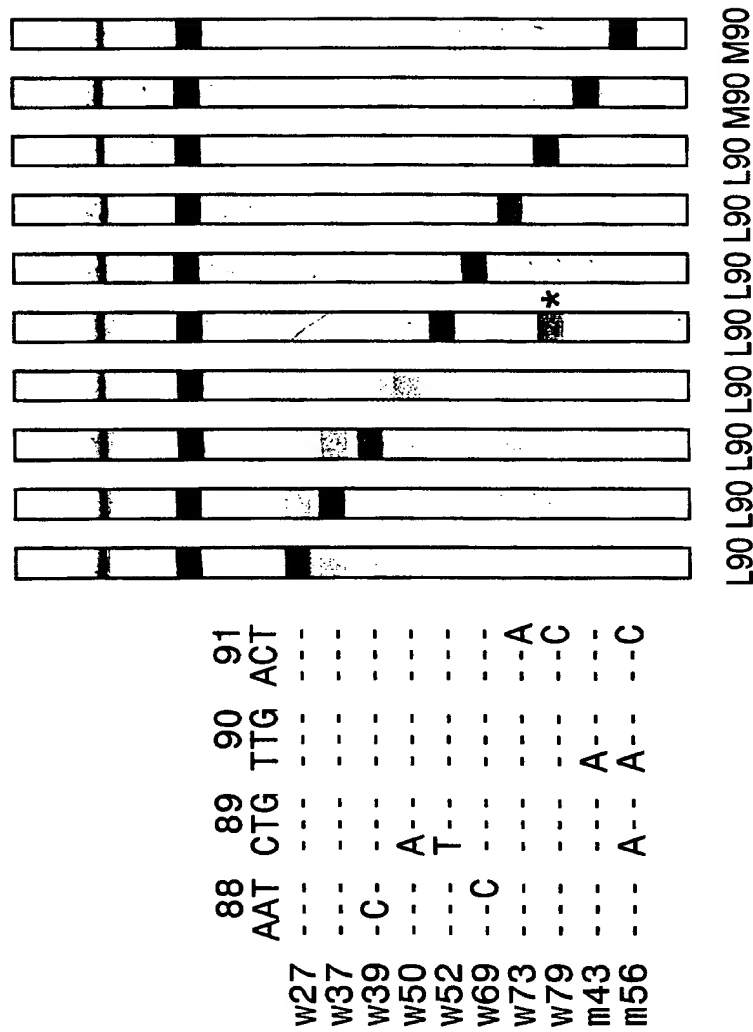


Figure 2F

Protease
codon positions

1 2 3 4 5 6 7 8 9 10.....80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 1 2 3 4 5 6 7 8 9 10...

prion position

prot 2 bio

81

prot 31 bio

191

prot 41 bio

81 87

prot 6 bio

2 10

prion sequence

prot 2 bio

1 2 3 4 5 6 7 8
CCT CAR ATC ACT CTT TGG GAA CG

prot 31 bio

85 86 87 88 89 90 91
TAA CCT TCT TTA GAC AAC TGA

prot 41 bio

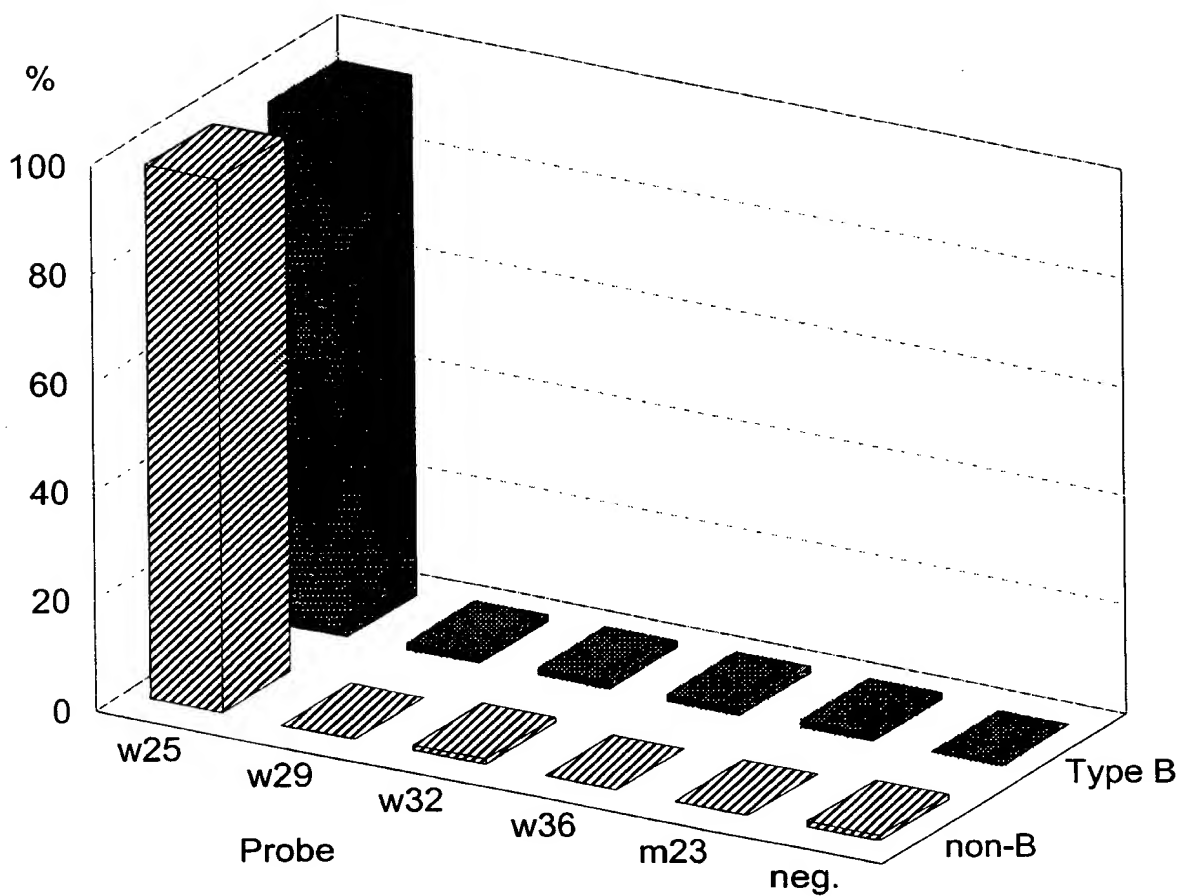
81 82 83 84 85 86 87
CCT GTC AAC ATA ATT GGA AG

prot 6 bio

2 3 4 5 6 7 8 9 10
TTAA TCR GGA TAA CTY TGA CAT GGT C

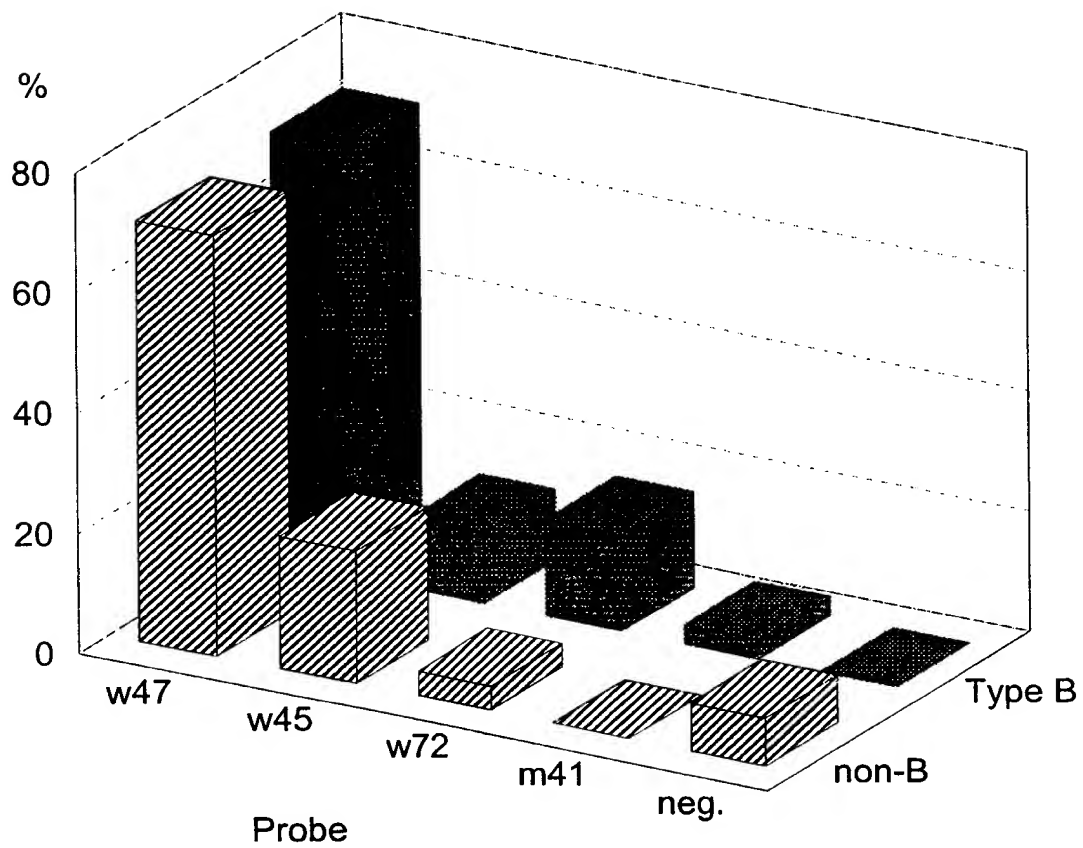
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Figure 4A



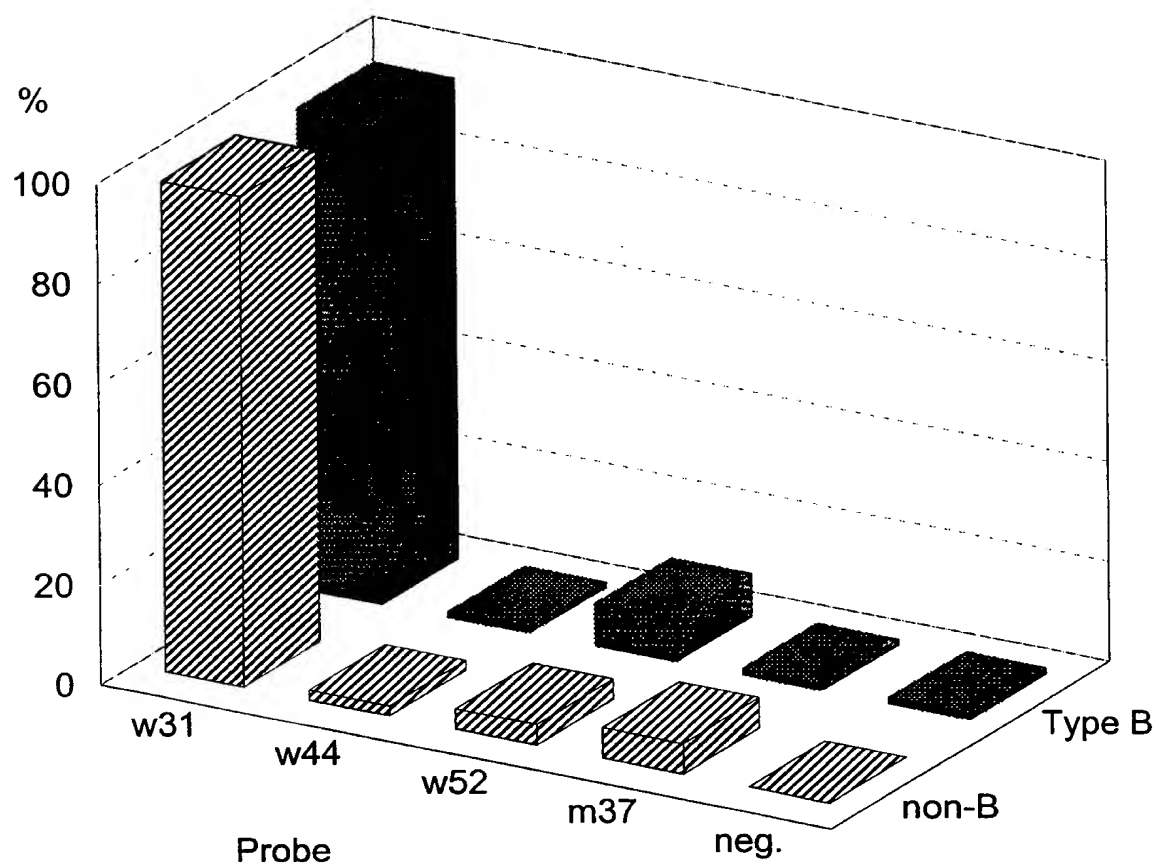
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Figure 4B



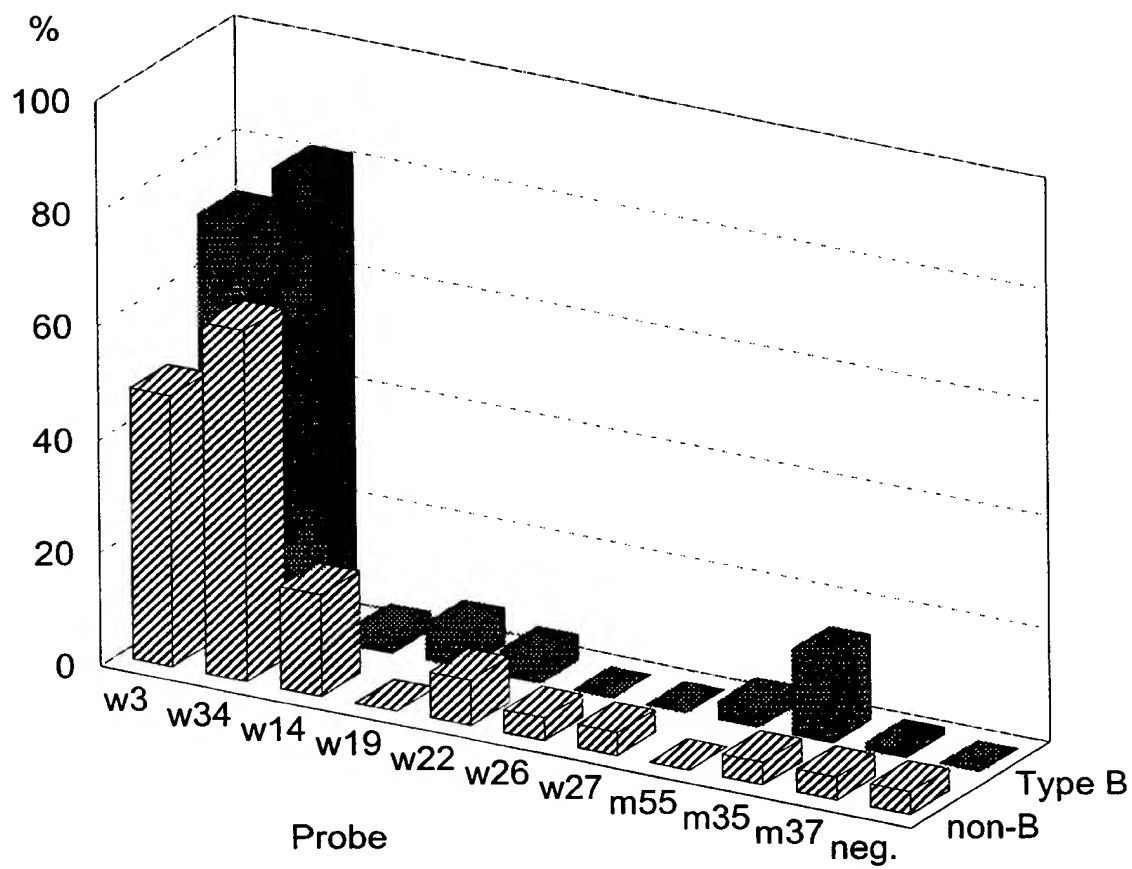
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Figure 4C



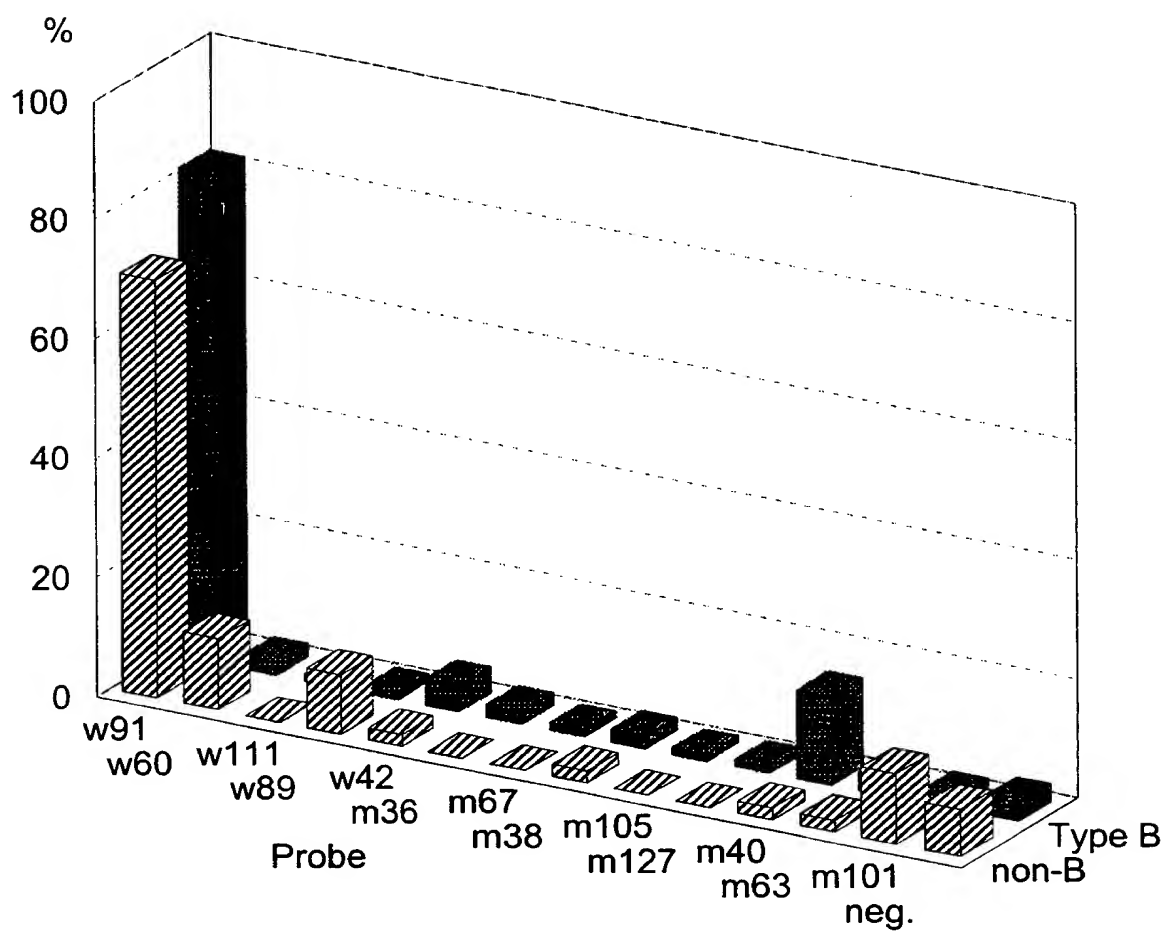
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Figure 4D



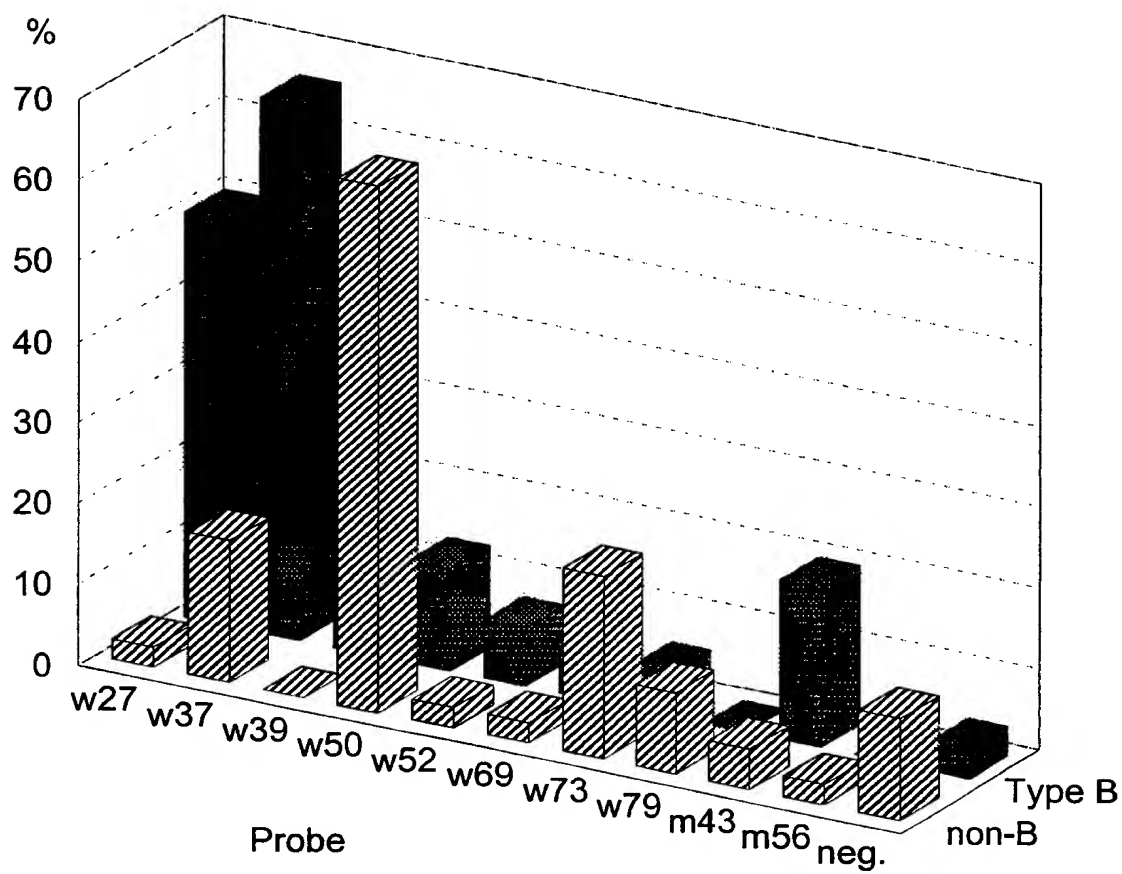
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Figure 4E



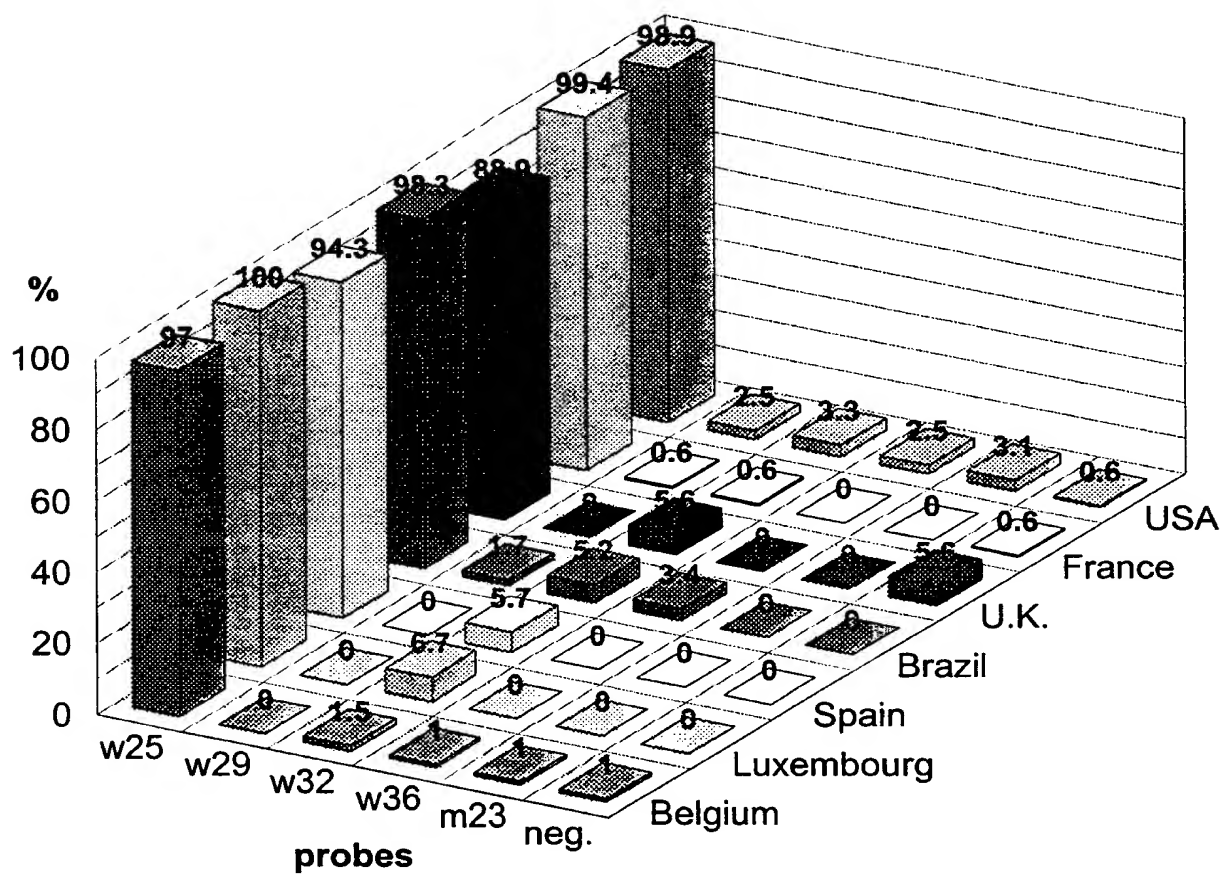
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Figure 4F



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Figure 5A



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Figure 5B

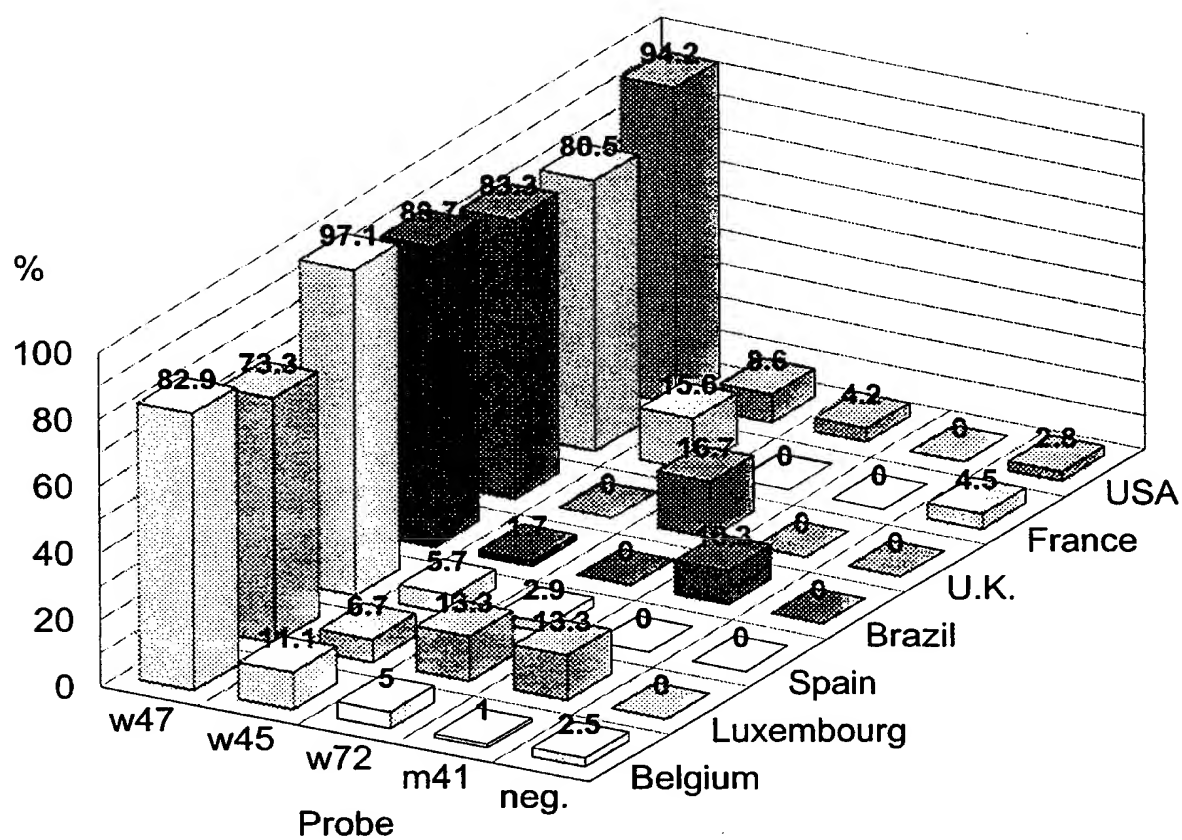


Figure 5C

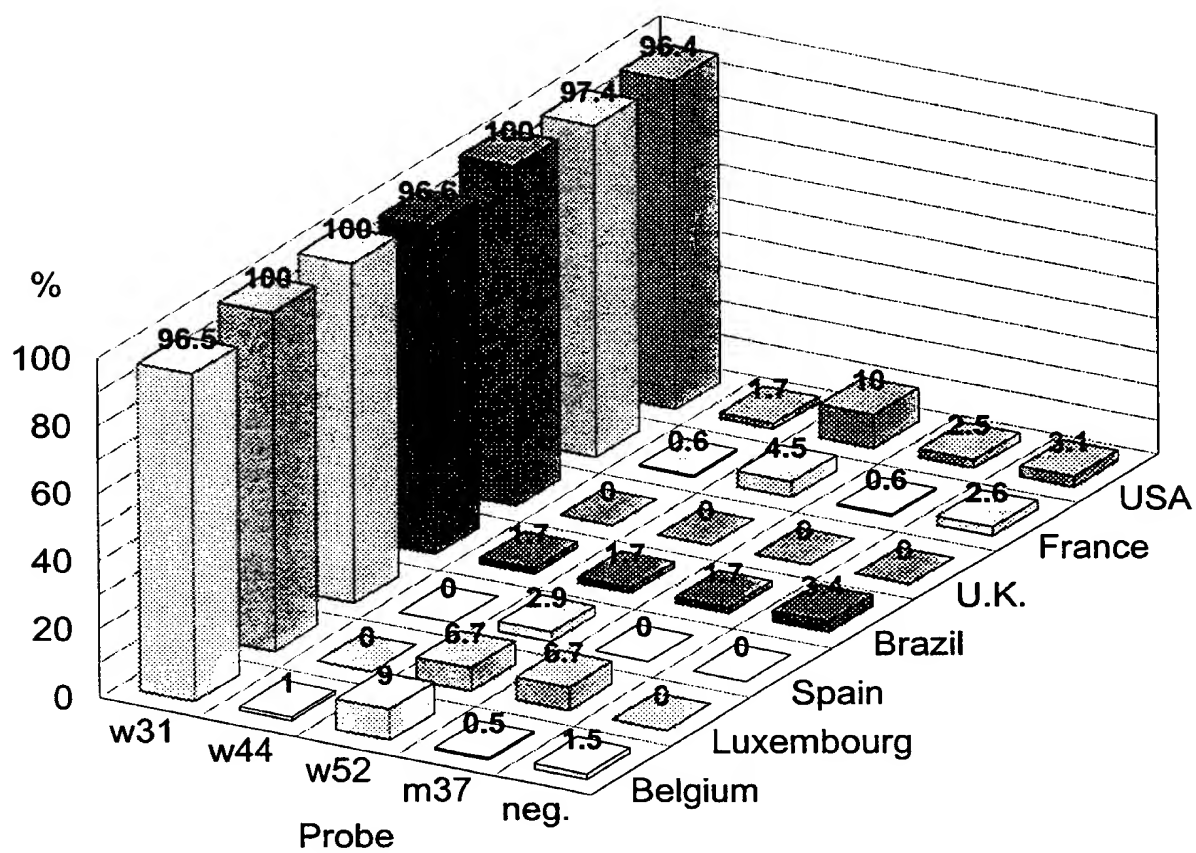


Figure 5D

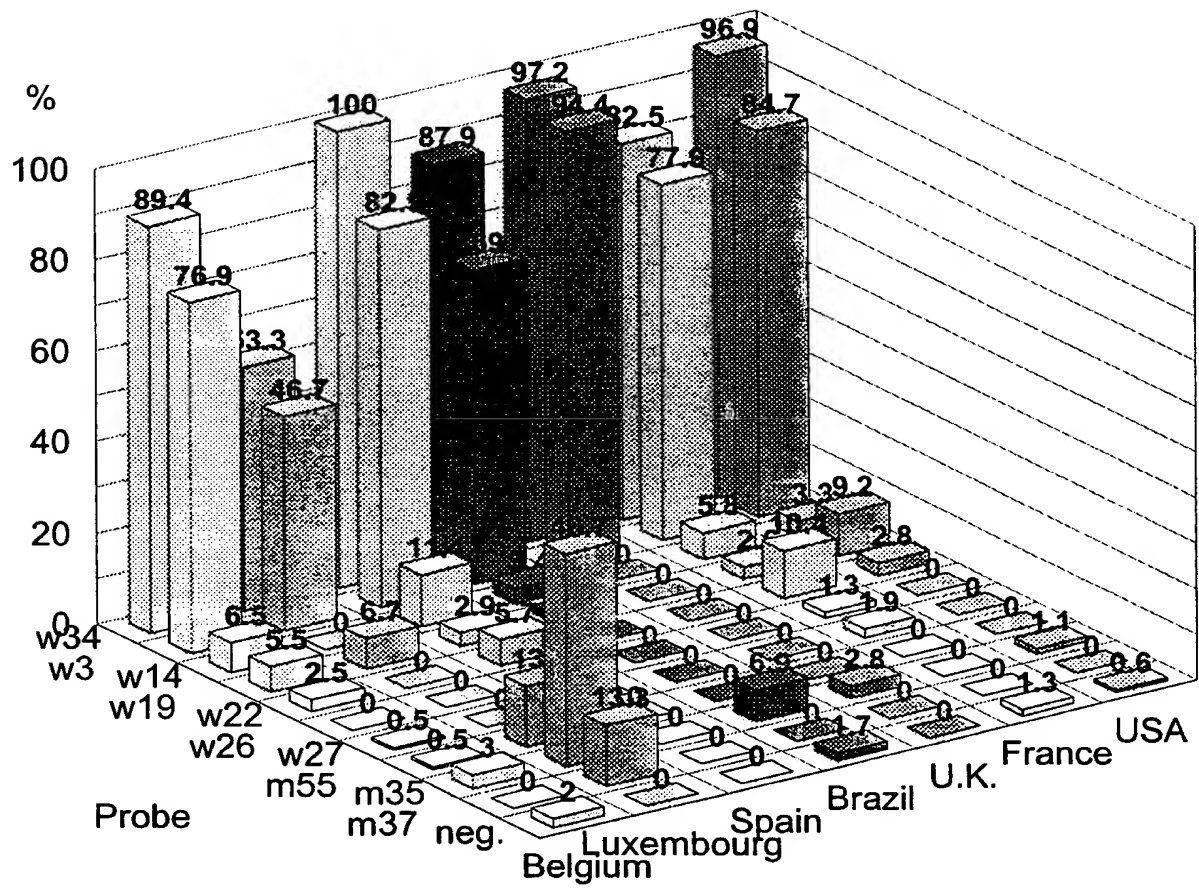
[illegible]

Figure 5E

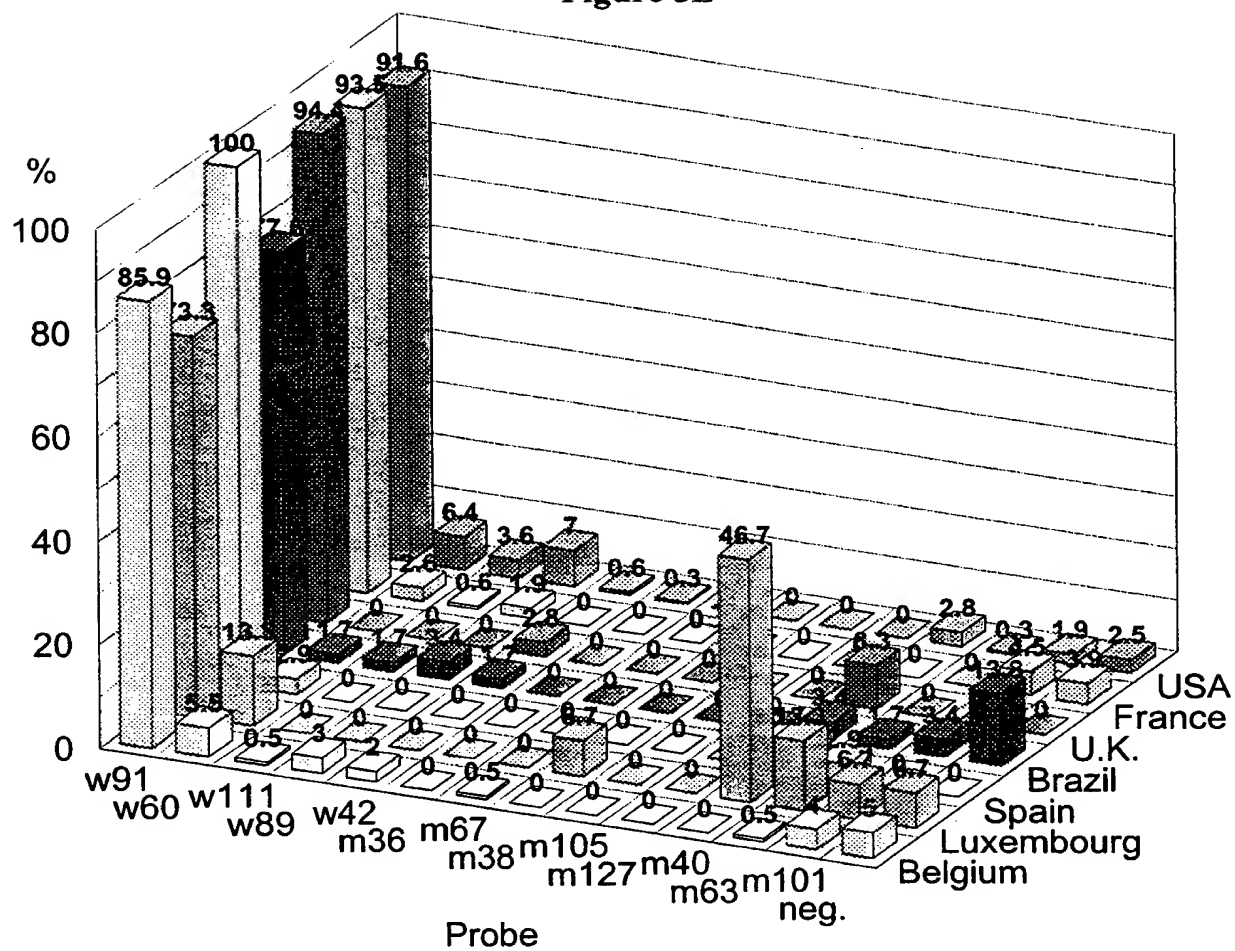


Figure 5F

